



Student Activity Centre



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CEST CLUB OF NIT Rourkela

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ICE : UK , NIT Rourkela Chapter

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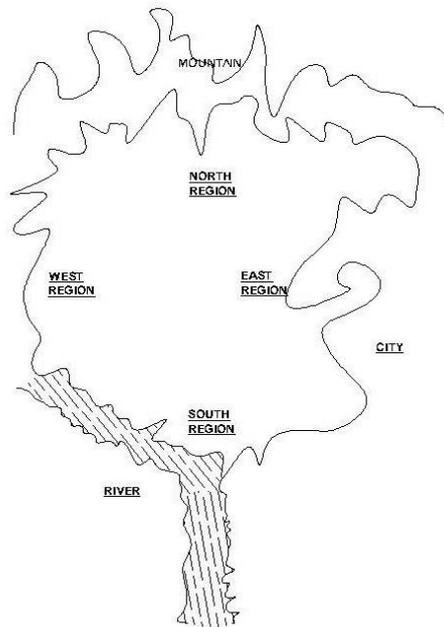
WHERE TRADITION MEETS INNOVATION
THE ANNUAL CIVIL ENGINEERING FEST OF NIT ROURKELA

City of Smart Clans

About the event:

City of Smart Clans is a unique design-based competition wherein participants use their creativity and imagination to draw a city plan according to the given problem statement, covering all necessary parameters with suitable scale and measurements.

Problem Statement:



1. MAXIMUM TREES IN NORTHERN AREA
2. FLOODED AREA IS NORTH AND NORTH-WEST PART

This is the layout on which you have to plan the city. Units, scale, and boundaries of the cities are already set in this file. There is no need for changing the configuration. Plan and design the following city in a sustainable manner. Participants need to Make a top view of the planned city in Autocad 2D. You can download the DWG File of the Layout- https://drive.google.com/file/d/12ED_zjaSseRDBoRIwq_miRC-bu9y1iJX/view

ELEMENTS TO BE CONSIDERABLE WHILE PLANNING:

- a. Residential
- b. Industry
- c. Commerce (markets, shops, hotels etc)
- d. Parks (green cover)
- e. Transport (road, airport, railway)
- f. Community facilities (sports and recreation, water tank, educational institution, place of worship, civic and community institution, utility)



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WHAT IS EXPECTED FROM THE PARTICIPANTS:

- Integrating greenery with the living environment.
- Providing good affordable homes with a full range of amenities.
- Providing greater mobility with enhanced transport connectivity.
- Safeguard for clean and green landscape.
- In the long term (40 to 50 years), ensuring room for growth and a good living environment in future.
- Overall, optimisation of land use in a sustainable manner.

Guidelines:

- It is a team event. The team must consist of min. 2 and max. 4 participants.
- The event will be conducted in two phases
STAGE I - Autocad 2d Plan submission
STAGE II - Final presentation
- Participants are required to submit their AutoCAD plan in the google form before **13/05/21**.
- In the presentation round, There is no need to make a PPT. They can directly present their plan from AutoCAD.
- They can use different symbols, colours and hatches for elements(residential, airport, railway etc) to be considered while planning. They should clearly mention which symbols, colours, and hatches they have used for what purpose.

Judging Criteria:

- The plan should be neat and clean
- Percentage of judging:-
 - Autocad 2d Plan - 60 %
 - Final presentation, Interaction, innovation - 40 %
- Feasibility and cost factor of the plan
- For impression, they can mention the percentage of land used by different elements (house, transport, communities facilities etc).

Registration Cum Abstract Submission Link:

<https://forms.gle/uH8ZqCT53Y8uVv7d7>

Prizes:

- Prizes worth ₹8,000/- will be given to the winners.
- Certificate of Participation will be issued to all the participants.

NOTE:

The decision of the Organizing Committee will be final and binding to all. Please keep checking the Website and Rulebook regularly for any further updates.

Coordinators:

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